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which leads to threshold voltage increase for devices close to the well edge.

Well proximity effect on NFET Δ Vth \approx +50mV and PFET Δ Vth \approx +20mV ...

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... Well proximity effect Sorry, couldn't resist... • Boron scattering from photoresist near well boundary produces varying threshold voltage for FETs ...

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United States Patent Application: 0050106800

... with using ion implantation to form wells is the **well proximity effect**, ...

A well have A different **threshold voltage** VT than devices disposed away from ...

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to voltage drops from contacts to intrinsic FET (Source degeneration) ... Halo at

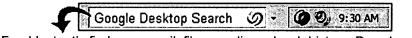
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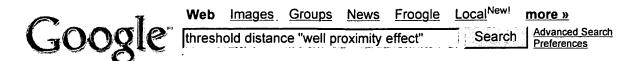
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SC is defined as "The distance to a single well edge used in calculations ...

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In addition to Vth, well proximity effect might also change body effect and ...

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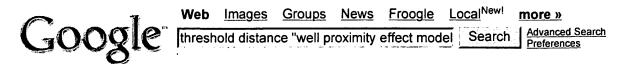
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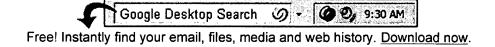
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5. Analytical extraction method for submicron MOS transistor model param linear region

Karlsson, P.R.; Jeppson, K.O.;

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